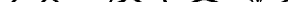




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PTO/SB/08A (08-00)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 1 of 15	Substitute for form 1449A/PTO	Application Number	10/654,794
		Filing Date	September 3, 2003
		First Named Inventor	Gara
		Group Art Unit	2171
		Examiner Name	
		Attorney Docket Number	THR-5007

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
JA		2,983,639		Jagelman	05/09/1961	
		3,103,489		Beckman Instruments, Inc.	09/10/1963	
		3,145,713		Latham, Jr.	08/25/1964	
		3,628,445		Webster	12/21/1971	
		3,678,964		Andrews	07/25/1972	
		3,861,972		Glover et al	01/21/1975	
		4,056,224		Lolachi	11/01/1977	
		4,059,108		Latham, Jr.	11/22/1977	
		4,086,924		Latham, Jr.	05/02/1978	
		4,108,353		Brown	08/22/1978	
		4,109,852		Brown et al	08/29/1978	
		4,109,854		Brown	08/29/1978	
		4,109,855		Brown et al	08/29/1978	
		4,113,173		Lolachi	09/12/1978	
		4,114,802		Brown	09/19/1978	
JA		4,120,448		Cullis	10/17/1978	
		4,120,449		Brown et al	10/17/1978	
		4,164,318		Boggs	08/14/1979	
JA		4,194,684		Boggs	03/25/1980	
		4,204,537		Latham, Jr.	05/27/1980	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 15

Application Number	10/654,794
Filing Date	September 3, 2003
First Named Inventor	Gara
Group Art Unit	2171
Examiner Name	
Attorney Docket Number	THR-5007

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
JH		4,204,537		Latham, Jr.	05/27/1980	
		4,221,322		Drago et al	09/09/1980	
		4,230,263		Westberg	10/28/1980	
		4,245,383		Boggs	1/20/1981	
		4,261,507		Baumler	4/14/1981	
		4,285,464		Latham, Jr.	8/25/1981	
		4,300,717		Latham, Jr.	11/17/1981	
		4,303,193		Latham, Jr.	12/01/1981	
		4,344,560		Iriguchi et al	8/17/1982	
		4,372,484		Larsson et al	02/08/1983	
		4,389,206		Bacehowski et al	06/21/1983	
		4,407,295		Steuer et al	10/04/1983	
		4,417,884		Schoendorfer et al	11/29/1983	
		4,421,503		Latham, Jr. et al	12/20/1983	
		4,425,112		Ito	1/10/1984	
		4,439,178		Mulzet	3/27/1984	
		4,440,195		van Dongeren	4/3/1984	
		4,459,169		Bacehowski et al	7/10/1984	
		4,517,404		Hughes et al	5/14/1985	

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**INFORMATION DISCLOSURE  
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Sheet 3 of 15

<b>Application Number</b>	10/654,794
<b>Filing Date</b>	September 3, 2003
<b>First Named Inventor</b>	Gara
<b>Group Art Unit</b>	2171
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	THR-5007

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
		4,540,397		Lolachi et al	09/10/1985	
		4,573,960		Goss	03/04/1986	
		4,573,962		Troutner	03/04/1986	
		4,578,056		King et al	03/25/1986	
		4,636,346		Gold et al	01/13/1987	
		4,692,136		Feldman et al	09/08/1987	
		4,708,712		Mulzet	11/24/1987	
		4,737,140		Lee et al	04/12/1988	
		Des. 312,128		Headley	11/13/1990	
		4,710,161		Takabayashi et al	12/01/1987	
		4,734,089		Cullis	03/29/1988	
		4,767,396		Powers	08/30/1988	
		4,775,794		Behmann	10/04/1988	
		4,776,964		Schoendorfer et al	10/11/1988	
		4,778,444		Westberg et al	10/18/1988	
		4,806,252		Brown et al	02/21/1989	
		4,854,933		Mull	08/08/1989	
		4,857,190		Wada et al	08/15/1989	
		4,859,333		Panzani	08/22/1989	
		4,865,081		Neumann et al	09/12/1989	
		4,866,282		Miripol et al	09/12/1989	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 4 of 15	<b>Application Number</b>	10/654,794
	<b>Filing Date</b>	September 3, 2003
	<b>First Named Inventor</b>	Gara
	<b>Group Art Unit</b>	2171
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	THR-5007

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		Number	Kind Code <sup>2</sup> (if known)			
[Signature]		4,876,014		Malson	10/24/1989	
		4,879,031		Panzani	11/07/1989	
		4,889,524		Fell et al	12/26/1989	
		4,898,571		Epper et al	02/06/1990	
		4,911,833		Schoendorfer et al	03/27/1990	
		4,943,273		Pages	07/24/1990	
		4,950,401		Unger et al	08/21/1990	
		4,983,158		Headley	01/08/1991	
		4,986,442		Hinterreiter	01/22/1991	
		4,997,577		Stewart	03/05/1991	
		5,039,401		Columbus et al	08/13/1991	
		5,053,127		Schoendorfer et al	10/01/1991	
		5,061,381		Burd	10/29/1991	
		5,076,911		Brown et al	12/31/1991	
		5,078,671	A	Dennehey et al	01/07/1992	
		5,097,870	A	Williams	03/24/1992	
		5,100,372	A	Headley	03/31/1992	
		5,104,526	A	Brown et al	04/14/1992	
		5,147,290	A	Jonsson	09/15/1992	
		5,160,310	A	Yhland	11/03/1992	
		5,186,844	A	Burd et al	02/16/1993	
[Signature]		5,217,426	A	Bacehowski et al	06/08/1993	

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	<b>Filing Date</b>	September 3, 2003
	<b>First Named Inventor</b>	Gara
	<b>Group Art Unit</b>	2171
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	THR-5007

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
[Signature]		5,217,427	A	Cullis	06/08/1993	
		5,224,921	A	Dennehey et al	07/06/1993	
		5,240,614	A	Ofsthun et al	08/31/1993	
		5,254,248	A	Nakamura	10/19/1993	
		5,273,517	A	Barone et al	12/28/1993	
		5,281,342	A	Biesel et al	01/25/1994	
		5,298,171	A	Biesel	03/29/1994	
		5,305,799	A	Dal Palu	04/26/1994	
		5,316,667	A	Brown	05/31/1994	
		5,322,620	A	Brown et al	06/21/1994	
		5,332,500	A	Seureau et al	07/26/1994	
		5,360,542	A	Williamson, IV et al	11/01/1994	
		5,362,291	A	Williamson, IV	11/08/1994	
		5,370,802	A	Brown	12/06/1994	
		5,372,136	A	Steuer et al	12/13/1994	
		5,405,308	A	Headley et al	04/11/1995	
		5,427,509	A	Chapman et al	06/27/1995	
		5,427,695	A	Brown	06/27/1995	
		5,437,598	A	Antwiler	08/01/1995	

Examiner Signature	[Signature]	Date Considered	10 Apr 06
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 6 of 15

<b>Application Number</b>	10/654,794
<b>Filing Date</b>	September 3, 2003
<b>First Named Inventor</b>	Gara
<b>Group Art Unit</b>	2171
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	THR-5007

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
		5,443,451	A	Chapman et al	08/22/1995	
		5,445,506	A	Afflerbaugh et al	08/29/1995	
		5,445,593	A	Biesel et al	08/29/1995	
		5,460,493	A	Deniega et al	10/24/1995	
		5,462,416	A	Dennehey et al	10/31/1995	
		5,480,294	A	Di Perna et al	01/02/1996	
		5,482,440	A	Dennehey et al	01/09/1996	
		5,494,578	A	Brown et al	02/27/1996	
		5,494,592	A	Lathan, Jr. et al	02/27/1996	
		5,494,578	A	Brown et al	02/27/1996	
		5,501,840	A	Mantovani et al	03/26/1996	
		5,505,685	A	Antwiler	04/09/1996	
		5,514,069	A	Brown et al	05/07/1996	
		5,514,070	A	Pages	05/07/1996	
		5,525,218	A	Williamson, IV et al	06/11/1996	
		5,527,467	A	Ofsthun et al	06/18/1996	
		5,527,472	A	Bellotti et al	06/18/1996	
		5,529,691	A	Brown	06/25/1996	
		5,538,405	A	Patno et al	07/23/1996	

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	<b>Filing Date</b>	September 3, 2003
	<b>First Named Inventor</b>	Gara
	<b>Group Art Unit</b>	2171
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	THR-5007

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[Signature]		5,549,834	A	Brown	08/27/1996	
		5,551,942	A	Brown et al	09/03/1996	
		5,573,678	A	Brown et al	11/12/1996	
		5,591,113	A	Darnell et al	01/07/1997	
		5,591,643	A	Schembri	01/07/1997	
		5,607,579	A	Latham, Jr. et al	03/04/1997	
		5,628,915	A	Brown et al	05/13/1997	
		5,632,893	A	Brown et al	5/27/1997	
		5,634,893	A	Rishton	06/03/1997	
		5,637,082	A	Pages et al	06/10/1997	
		5,639,382	A	Brown	06/17/1997	
		5,641,414	A	Brown	06/24/1997	
		5,641,622	A	Lake et al	06/24/1997	
		5,643,193	A	Papillon et al	07/01/1997	
		5,651,766	A	Kingsley et al	07/29/1997	
		5,656,163	A	Brown	08/12/1997	
		5,676,841	A	Brown	10/14/1997	
		5,681,273	A	Brown	10/28/1997	
		5,690,602	A	Brown et al	11/25/1997	

Examiner Signature	[Signature]	Date Considered	10 Apr 06
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	<b>Filing Date</b>	September 3, 2003
	<b>First Named Inventor</b>	Gara
	<b>Group Art Unit</b>	2171
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	THR-5007

## U.S. PATENT DOCUMENTS

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		5,693,232	A	Brown et al	12/02/1997	
		5,702,357	A	Bainbridge et al	12/30/1997	
		5,704,887	A	Slowik et al	01/06/1998	
		5,728,060	A	Kingsley	03/17/1998	
		5,730,883	A	Brown	03/24/1998	
		5,738,644	A	Holmes et al	04/14/1998	
		5,738,784	A	Holm et al	04/14/1998	
		5,750,039	A	Brown	05/12/1998	
		5,759,147	A	Bacehowski et al	06/02/1998	
		5,759,413	A	Brown	06/02/1998	
		5,769,811	A	Stacey et al	06/23/1998	
		5,779,660	A	Kingsley et al	07/14/1998	
		5,785,869	A	Martinson et al	07/28/1998	
		5,792,372	A	Brown et al	08/11/1998	
		5,804,079	A	Brown	09/08/1998	
		5,807,492	A	Brown et al	09/15/1998	
		5,833,866	A	Brown	11/10/1998	
		5,849,203	A	Brown et al	12/15/1998	
		5,855,773	A	Lasota	01/05/1999	

Examiner Signature	Date Considered
<i>[Signature]</i>	10 April 06

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Sheet 9 of 15

Application Number	10/654,794
Filing Date	September 3, 2003
First Named Inventor	Gara
Group Art Unit	2171
Examiner Name	
Attorney Docket Number	THR-5007

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
		5,868,695	A	Wolf, Jr. et al	02/09/1999	
		5,870,805	A	Kandler et al	02/16/1999	
		5,906,598	A	Giesler et al	05/25/1999	
		5,916,743	A	Lake et al	06/29/1999	
		5,919,125	A	Berch	07/06/1999	
		5,921,909	A	Gustafsson	07/13/1999	
		5,935,051	A	Bell	08/10/1999	
		5,948,271	A	Wardwell et al	09/07/1999	
		5,958,250	A	Brown et al	09/28/1999	
		5,951,509	A	Morris	09/14/1999	
		5,961,842	A	Min et al	10/05/1999	
		5,976,388	A	Carson	11/02/1999	
		5,980,757	A	Brown et al	11/09/1999	
		5,980,760	A	Min et al	11/09/1999	
		5,989,177	A	West et al	11/23/1999	
		5,993,370	A	Brown et al	11/30/1999	
		5,996,634	A	Dennehey et al	12/07/1999	
		6,007,509	A	Kingsley et al	12/28/1999	
		6,007,725	A	Brown	12/18/1999	
		6,027,655	A	Holm	02/22/2000	

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STATEMENT BY APPLICANT**

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Sheet 10 of 15

Application Number	10/654,794
Filing Date	September 3, 2003
First Named Inventor	Gara
Group Art Unit	2171
Examiner Name	
Attorney Docket Number	THR-5007

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		6,027,657	A	Min et al	02/22/2000	
		6,056,522	A	Johnson	05/02/2000	
		6,059,979	A	Brown	05/09/2000	
		6,071,421	A	Brown	06/06/2000	
		6,071,423	A	Brown et al	06/06/2000	
		6,080,322	A	Deniega et al	06/27/2000	
		6,102,883	A	Kingsley et al	08/15/2000	
		6,123,655	A	Fell	09/26/2000	
		6,129,656	A	Blakeslee et al	10/10/2000	
		6,168,561	B1	Cantu et al	01/02/2001	
		6,179,801	B1	Holmes et al	01/30/2001	
		6,183,651	B1	Brown et al	02/06/2001	
		6,183,407	B1	Hallgren et al	02/06/2001	
		6,186,752	B1	Deniega et al	02/13/2001	
		6,196,987	B1	Holmes et al	03/06/2001	
		6,197,202	B1	Brown	03/06/2001	
		6,200,287	B1	Keller et al	03/13/2001	
		6,207,063	B1	Brown	03/27/2001	
		2001/0000185	A1	Keller et al	04/05/2001	

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Application Number	10/654,794
Filing Date	September 3, 2003
First Named Inventor	Gara
Group Art Unit	2171
Examiner Name	
Attorney Docket Number	THR-5007

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
		6,219,584		K.H. Lee	04/17/2001	
		6,228,017	B1	Brown	05/08/2001	
		6,231,537	B1	Holmes et al	05/15/2001	
		6,248,053	B1	Ehnstrom et al	06/19/2001	
		2001/0004444	A1	Haser et al	06/21/2001	
		6,251,056	B1	Berger et al	06/26/2001	
		6,261,065	B1	Nayak et al	07/17/2001	
		6,261,217	B1	Unger et al	07/17/2001	
		6,273,849	B1	Scherer	08/14/2001	
		20010024623	A1	Grimm et al	09/27/2001	
		6,273,849	B1	Scherer	08/14/2001	
		6,296,450	B1	Westberg et al	10/02/2001	
		6,312,593	B1	Petrie	11/06/2001	
		6,312,607	B1	Brown et al	11/06/2001	
		6,315,707	B1	Smith et al	11/13/2001	
		6,322,488	B1	Westberg et al	11/27/2001	
		6,334,842	B1	Hlavinka et al	01/01/2002	
		6,346,069	B1	Collier	02/12/2002	
		6,348,031	B1	Unger et al	02/19/2002	
		6,348,156	B1	Vishnoi et al	02/19/2002	
		6,352,499	B1	Geigle	03/05/2002	
		20020032112	A1	Pages	03/14/2002	
		6,379,322	B1	Kingsley	04/30/2002	
		6,387,263	B1	Bhaskar et al	05/14/2002	

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Sheet 12 of 15

<b>Application Number</b>	10/654,794
<b>Filing Date</b>	September 3, 2003
<b>First Named Inventor</b>	Gara
<b>Group Art Unit</b>	2171
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	THR-5007

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		Number	Kind Code <sup>2</sup> (if known)			
		2002/0068674	A1	Hlavinka et al	06/06/2002	
		2002/0068675	A1	Felt et al	06/06/2002	
		2002/0091057	A1	Westberg et al	07/11/2002	
		2002/0099319	A1	Saito et al	07/25/2002	
		2002/0142909	A1	Sakota	10/03/2002	
		2002/0147094	A1	Dolecek	10/10/2002	
		6,464,624	B2	Pages	10/15/2002	
		6,475,132	B2	Zettier	11/05/2002	
		6,491,656	B1	Morris	12/10/2002	
		6,511,411	B1	Brown	01/28/2003	
		6,514,189	B1	Hlavinka et al	02/04/2003	
		6,524,231	B1	Westberg et al	02/25/2003	
		6,544,162	B1	Van Wie et al	04/08/2003	
		6,544,416	B2	Helwig	04/08/2003	
		6,554,788	B1	Hunley et al	04/29/2003	
		2003/0085185	A1	Kouba	05/08/2003	
		2003/0094425	A1	Brandt et al	05/22/2003	
		6,558,307	B2	Headley	05/06/2003	
		2003/0106858	A1	Elsom Sharpe	06/12/2003	
		6,582,349	B1	Cantu et al	06/24/2003	

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	<b>Filing Date</b>	September 3, 2003
	<b>First Named Inventor</b>	Gara
	<b>Group Art Unit</b>	2171
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	THR-5007

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[Signature]		2003/0114289	A1	Merino et al	06/19/2003	1
		2003/0102272	A1	Brown	06/05/2003	
		6,582,350	B2	Dolecek	06/24/2003	
		6,579,219	B2	Dolecek et al	06/17/2003	
		2003/0116506	A1	Lane	06/26/2003	
		2003/0116512	A1	Delbert Antwiler et al	06/26/2003	
		6,589,153	B2	Dolecek et al	07/08/2003	
		6,589,155	B2	Dolecek	07/08/2003	
		6,596,179	B2	Giesler et al	07/22/2003	
		6,596,180	B2	Baugh et al	07/22/2003	
		6,596,181	B2	Dolecek et al	07/22/2003	
		2003/0136739	A1	Kirkland et al	07/24/2003	
		2003/0146170	A1	Corbin, III et al	08/07/2003	
		2003/0155312	A1	Ivansons et al	08/21/2003	
		6,605,223	B2	Jorgensen et al	08/12/2003	
		6,607,473	B2	Collier	08/19/2003	
		6,610,002	B2	Dolecek	08/26/2003	
		6,612,975	B2	Malcom et al	09/02/2003	
		6,616,589	B1	Maehans	09/09/2003	

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Sheet 14 of 15

Application Number	10/654,794
Filing Date	September 3, 2003
First Named Inventor	Gara
Group Art Unit	2171
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		6,709,377		J.D. Rochat	03/23/2004	
		2003/0173274	A1	Corbin, III et al	09/18/2003	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	† <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		EP	608519	A2	Rochat	08/03/1994		
		EP	112990	A2	Mulzet	03/27/1984		
		EP	268025	B1	Sagusa	05/25/1988		
		EP	749771	A2	Brown	12/27/1996		
		EP	755708	A2	Brown	01/29/1997		
		EP	779077	A1	Papillon	06/18/1997		
		EP	799645	A1	Sakota	10/08/1997		
		EP	1241249	A1	Schuler	09/18/2002		
		EP	1252918	A2	Brown	10/30/2002		
		EP	1138392	A2	Sakota	10/04/2001		
		DE	4220232	A1	Witthaus et al	09/27/1994		
		DE	3817664	A1	J. Theissen et al	11/30/1989		

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Sheet 15 of 15

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<b>First Named Inventor</b>	Gara
<b>Group Art Unit</b>	2171
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M		EP	1043071	A1	J.D. Rochat	10/11/2000			
		FR	2305238	A1	Lolachi	09/12/1978			
		WO	93/12887	A1	Williamson	07/08/1993			
		WO	94/08687	A1	Brown	04/28/1994			
		WO	94/08688	A1	Brown	04/28/1994			
		WO	94/29722	A1	Saunders	12/22/1994			
		WO	96/25234	A1	Gustafsson	08/22/1996			
		WO	98/48938	A1	Van Wie	11/05/1998			
		WO	99/02269	A1	Berch	01/21/1999			
		WO	99/23471	A1	Sitar	05/14/1999			
		WO	01/17651	A1	Westberg	03/15/2001			
		WO	01/17653	A1	Smith	03/15/2001			
		WO	02/40176	A1	Henriksson	05/23/2002			
		WO	03/000026	A2	Robinson	01/03/2003			
		WO	03/013686	A1	Bayer	02/20/2003			
V		JP	2001/070832		Mizuniwa et al	09/09/1999	Patent Abstract		
		WO	01/24848	A1	Gambro Inc.	04/12/2001			
		EP	0297216		Dideco Spa	01/04/1989			
A		JP	09192215		Takaharu Nakane	07/29/1997	Patent Abstract		

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